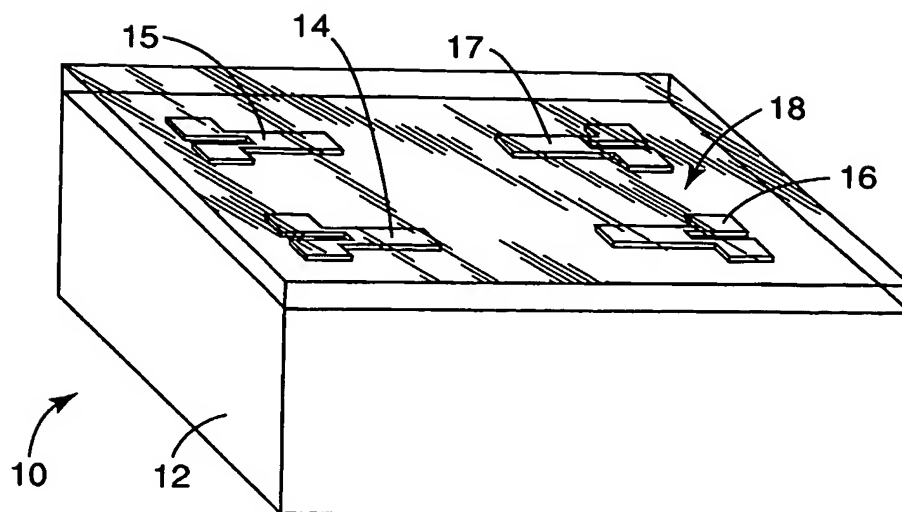
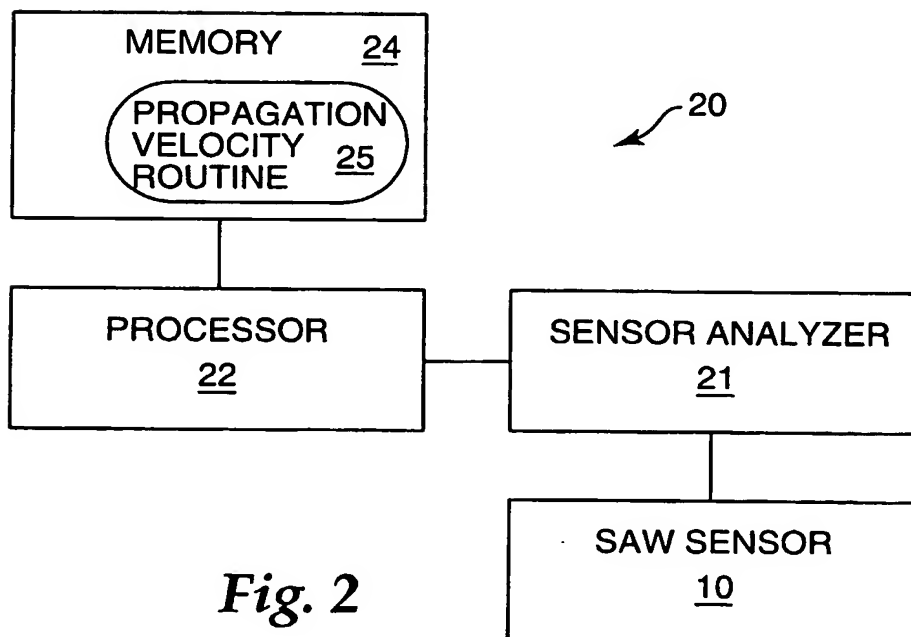
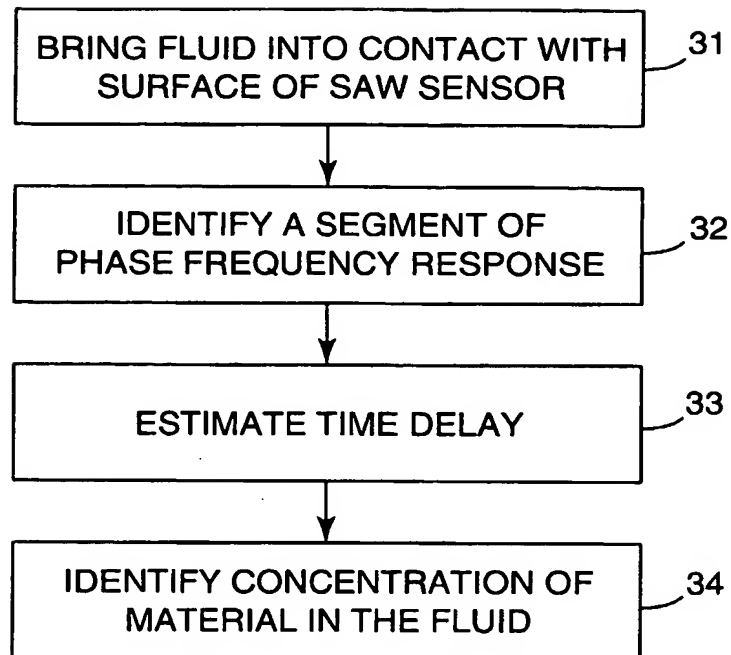


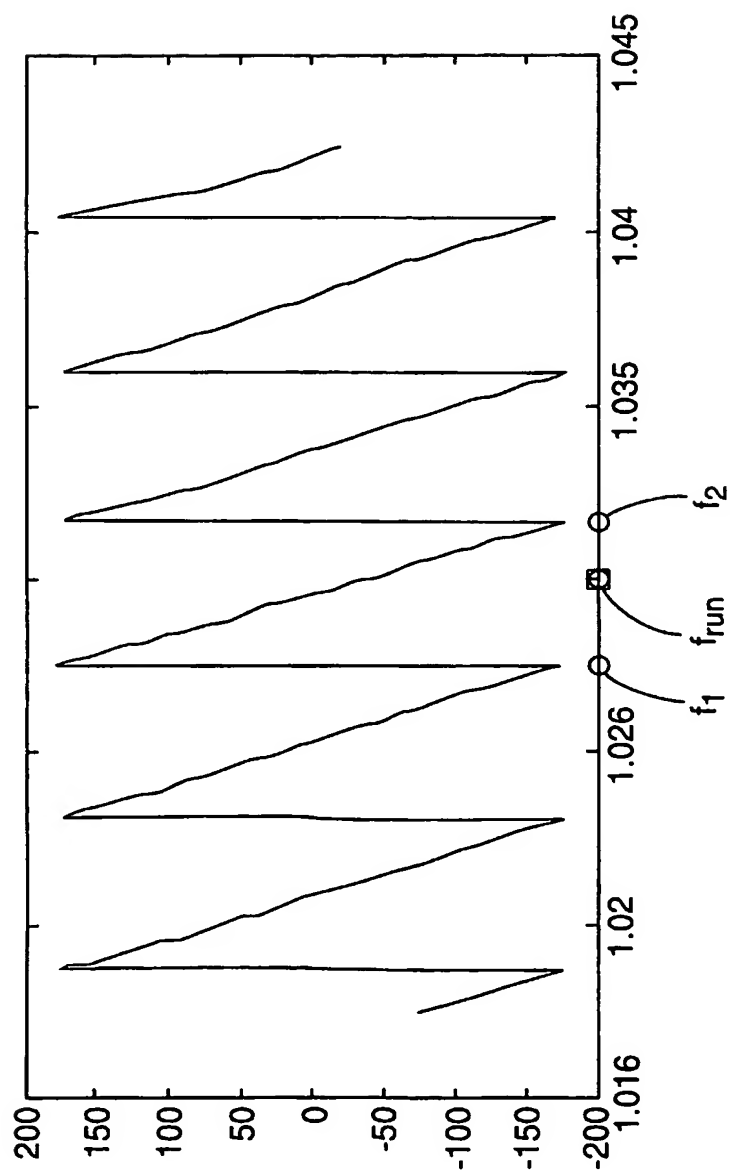
1/19

*Fig. 1**Fig. 2*

2/19

*Fig. 3*

3/19



*Fig. 4*

4/19

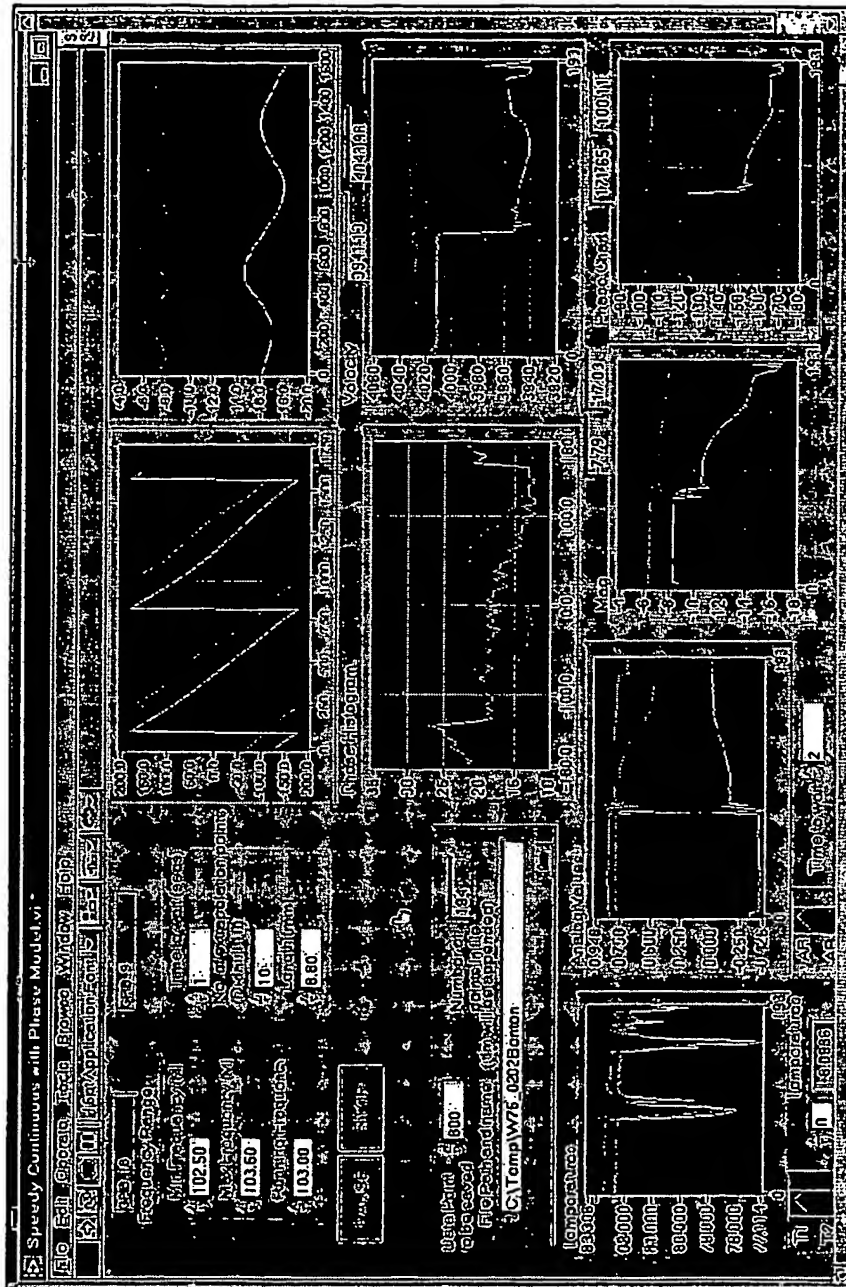
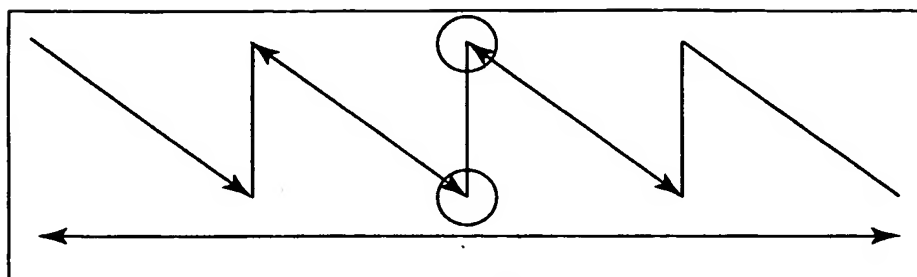
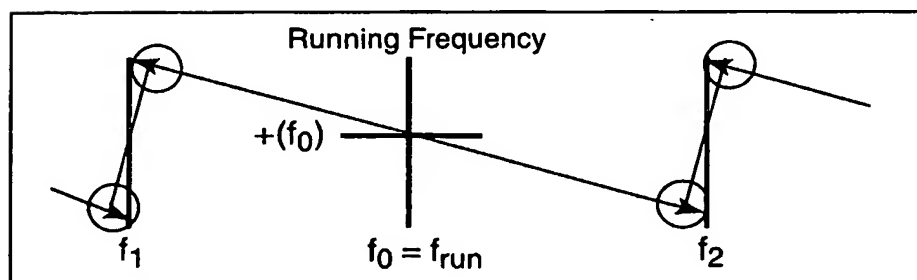
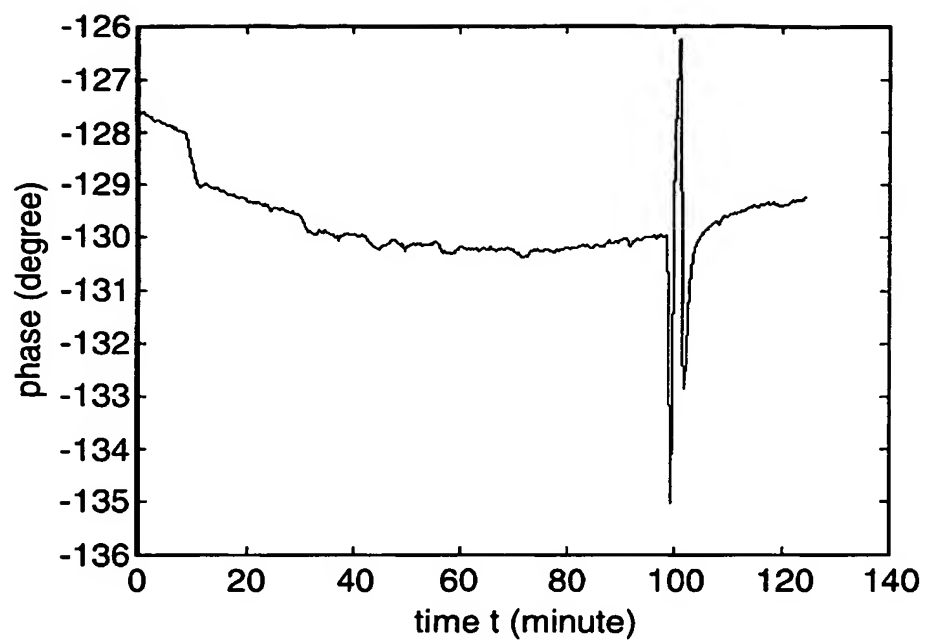
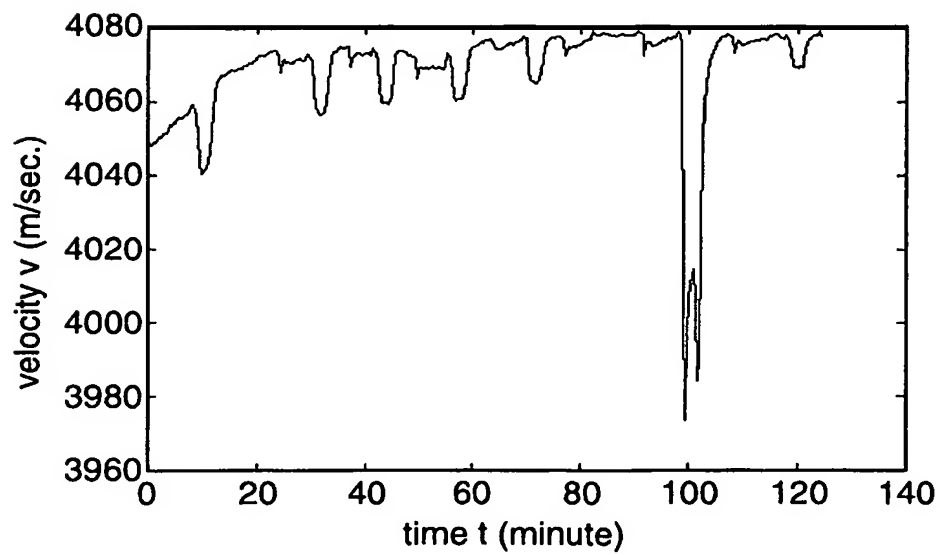


Fig. 5

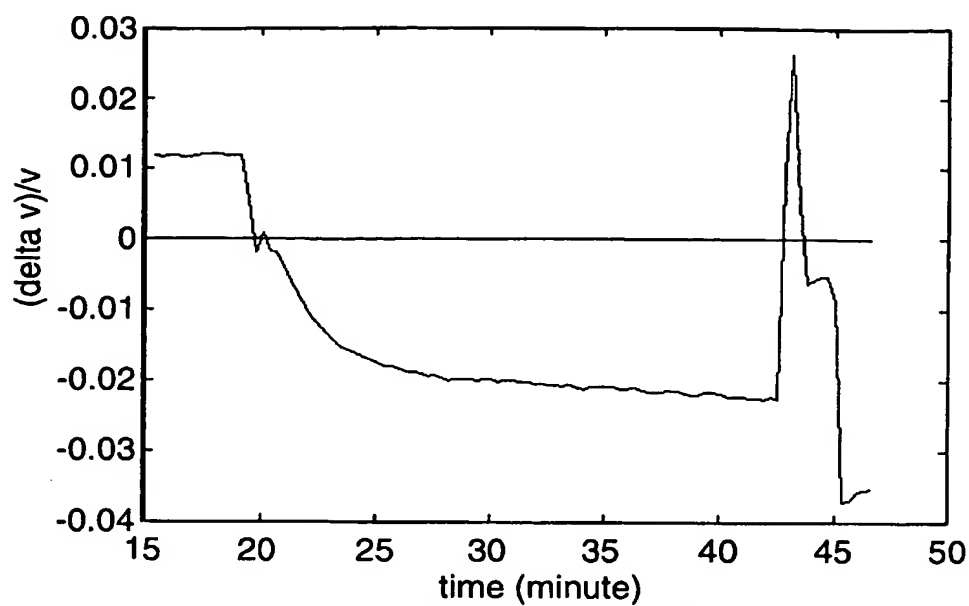
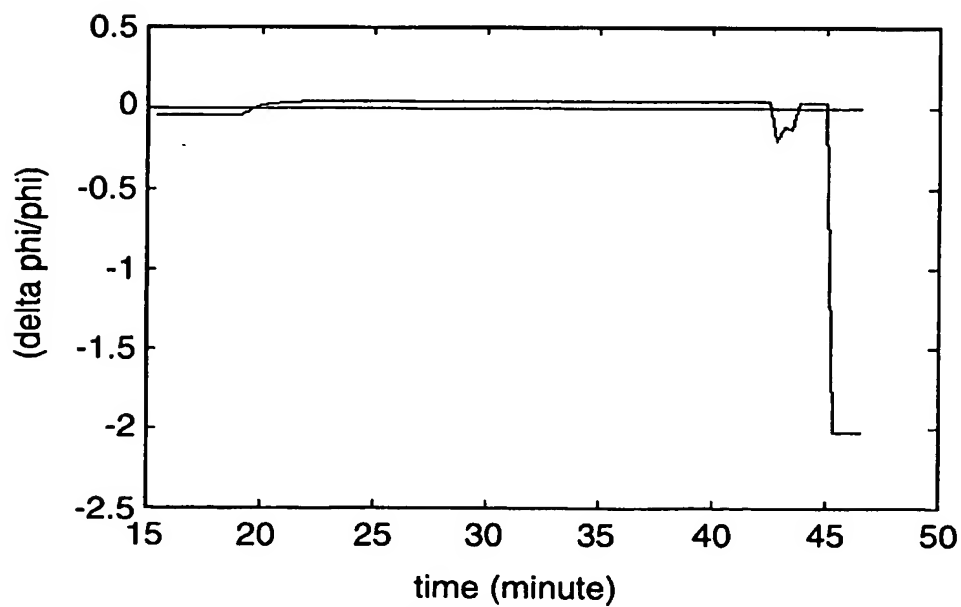
5/19

*Fig. 6**Fig. 7*

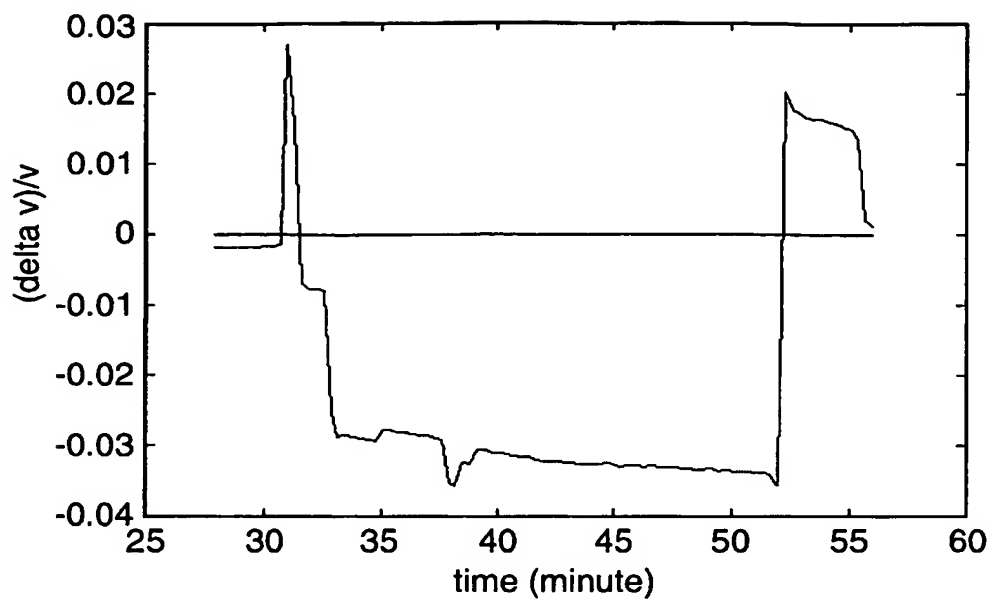
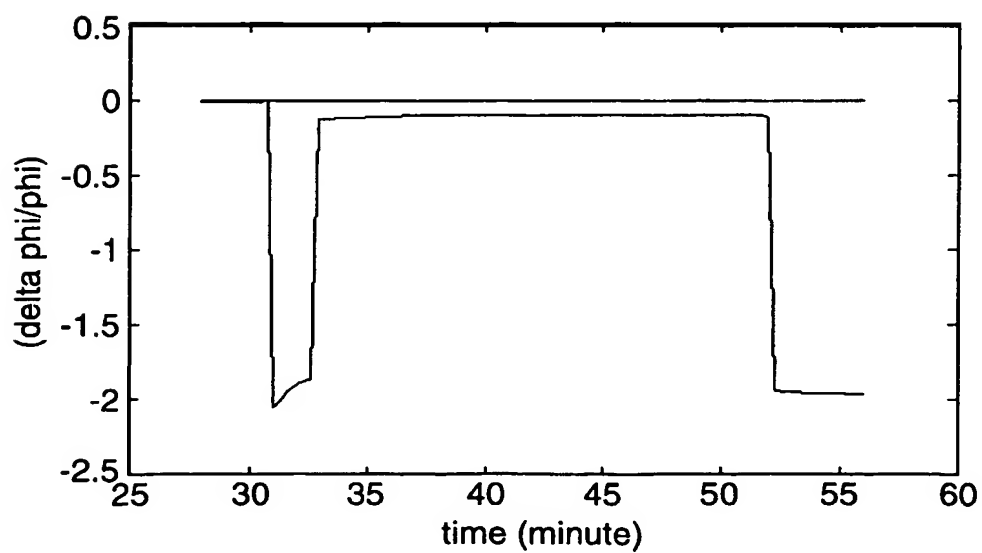
6/19

*Fig. 8**Fig. 9*

7/19

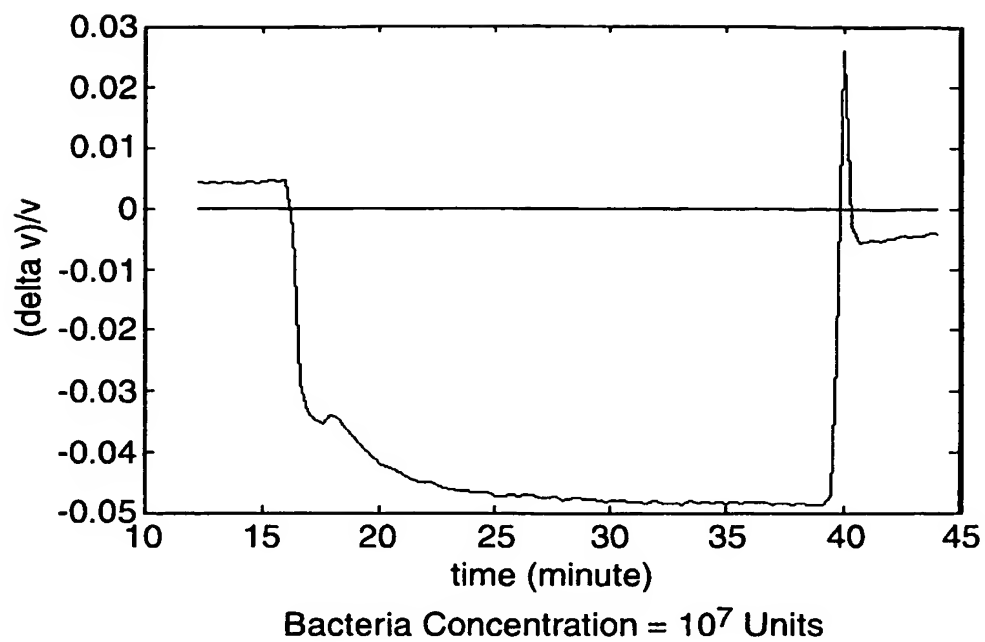
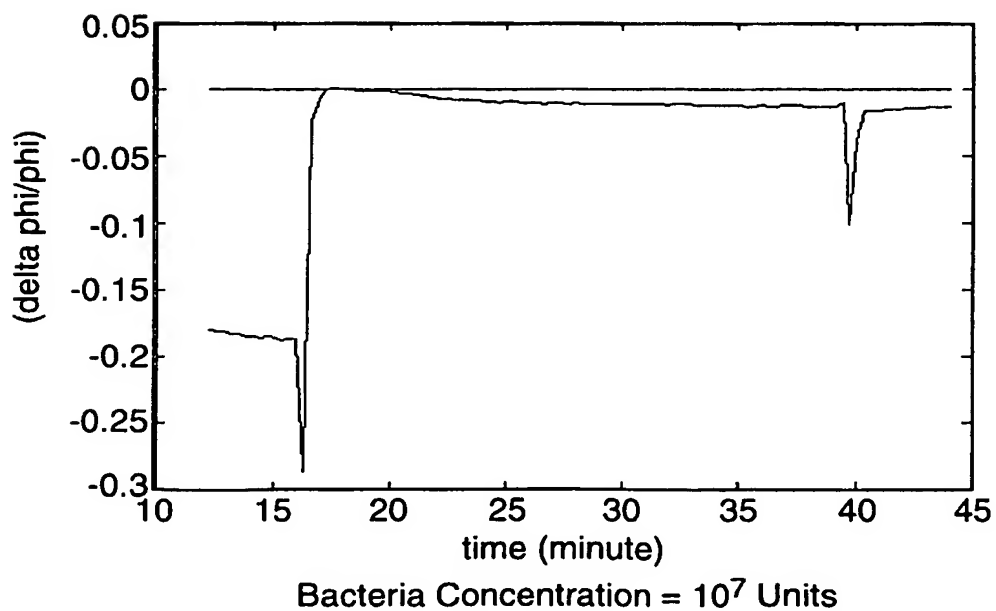
Bacteria Concentration =  $10^3$  Units**Fig. 10**Bacteria Concentration =  $10^3$  Units**Fig. 11**

8/19

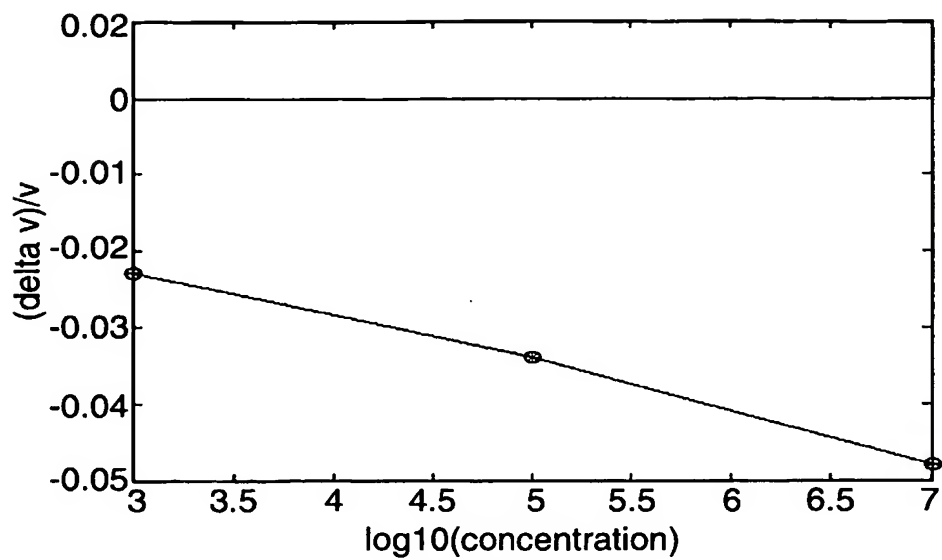
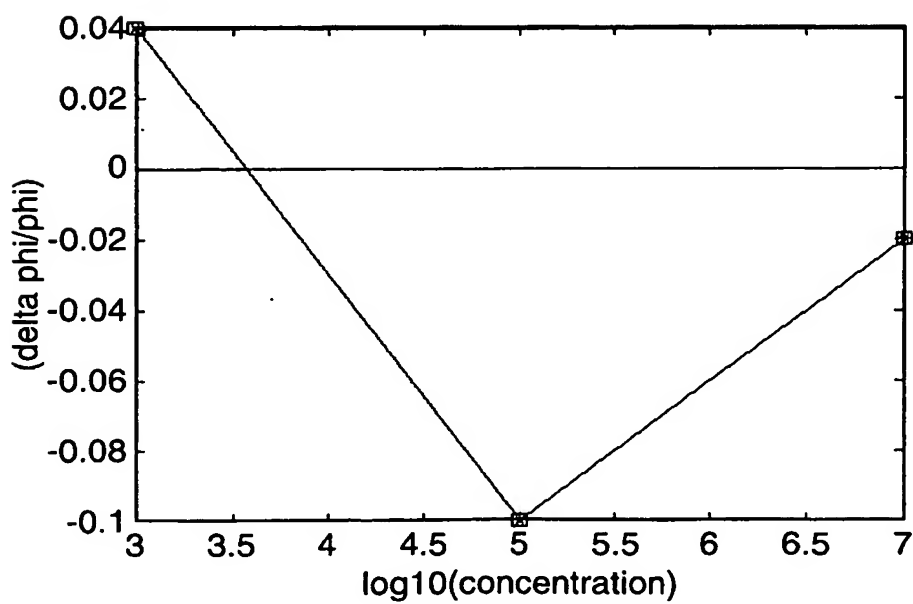
Bacteria Concentration =  $10^5$  Units*Fig. 12*Bacteria Concentration =  $10^5$  Units*Fig. 13*



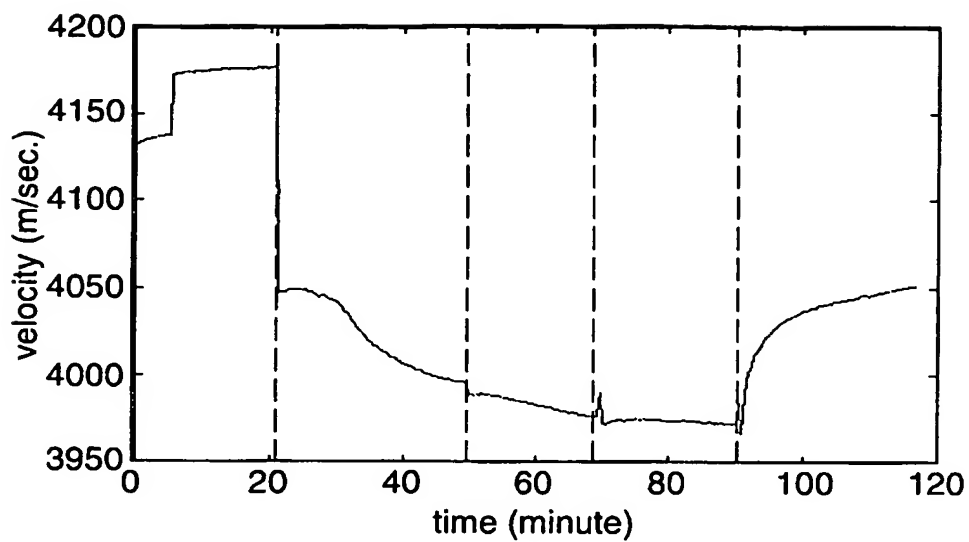
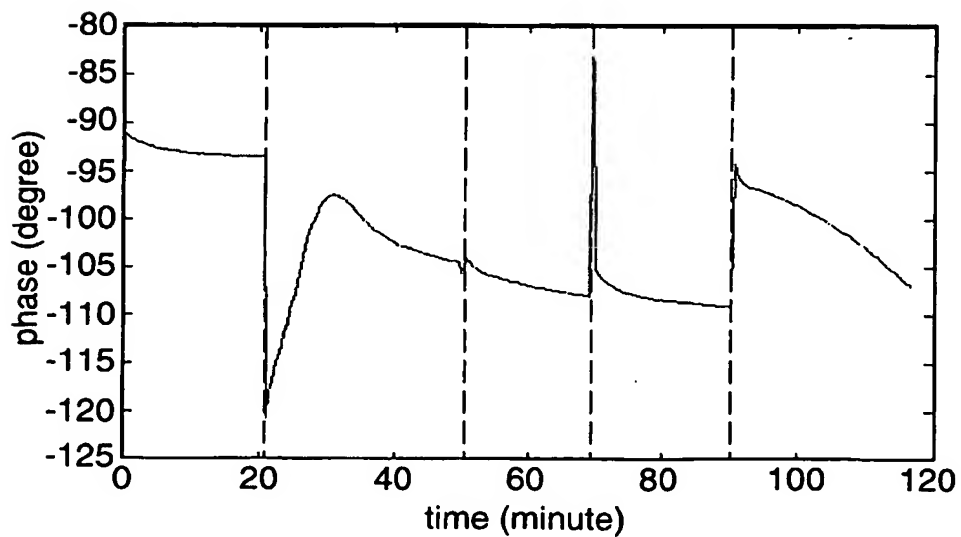
9/19

*Fig. 14**Fig. 15*

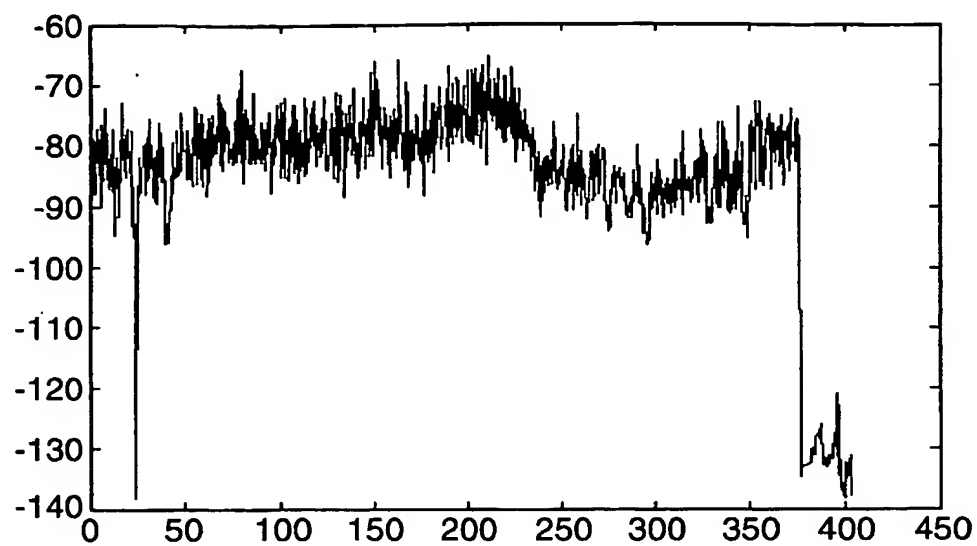
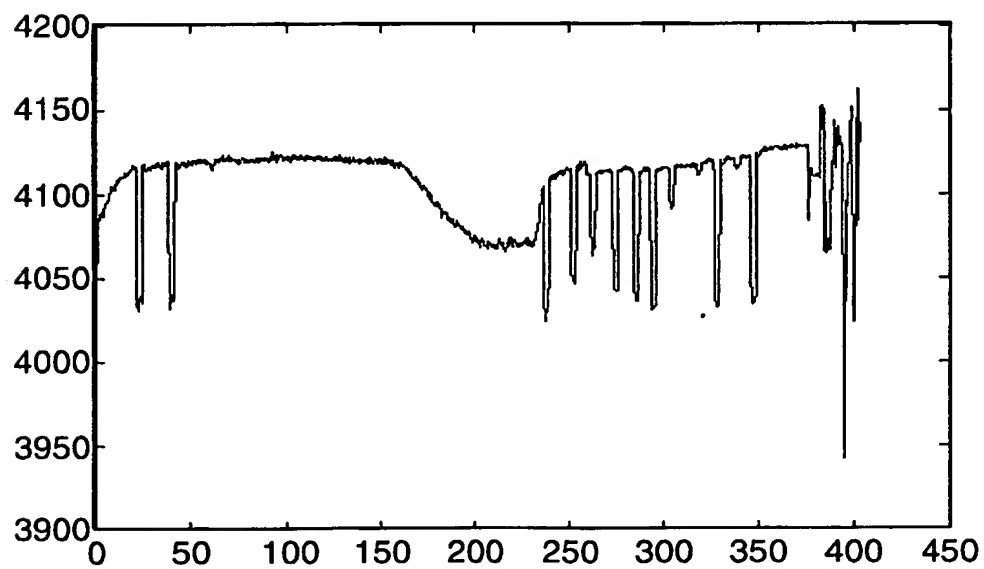
10/19

*Fig. 16**Fig. 17*

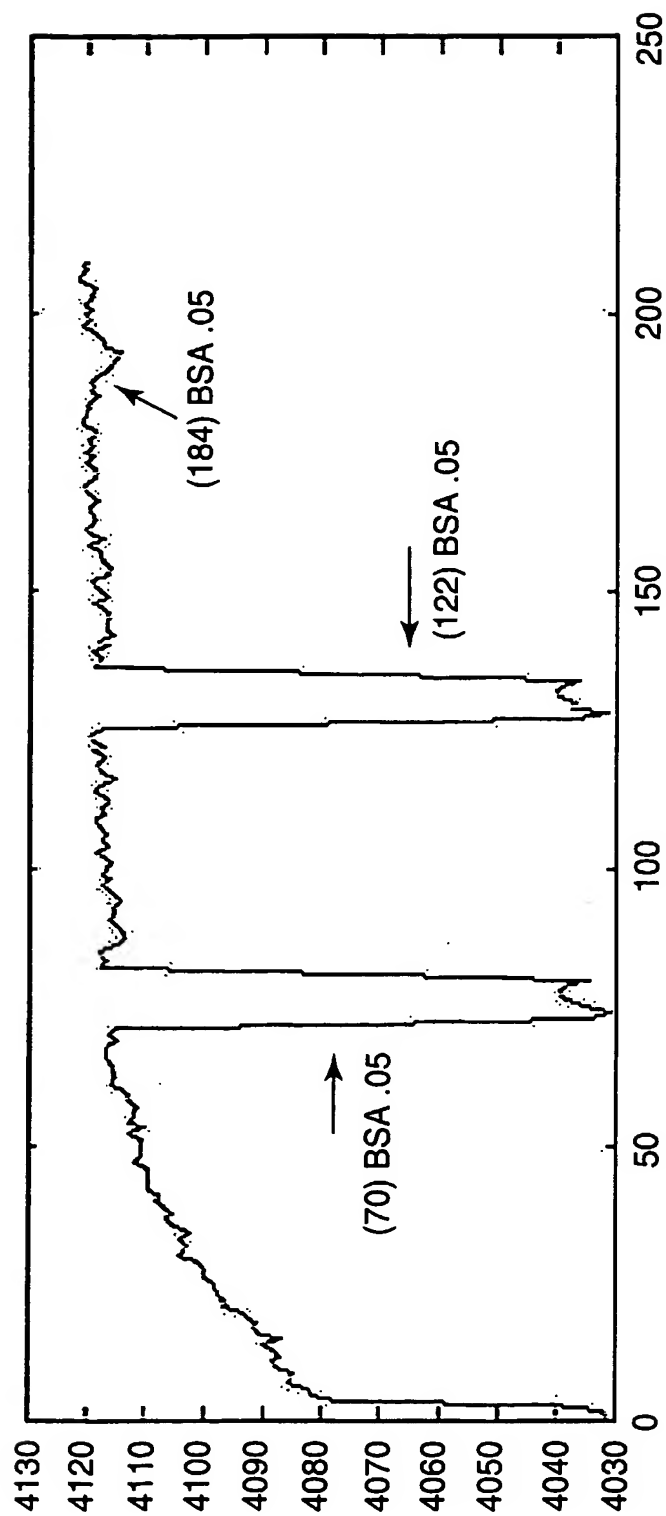
11/19

*Fig. 18**Fig. 19*

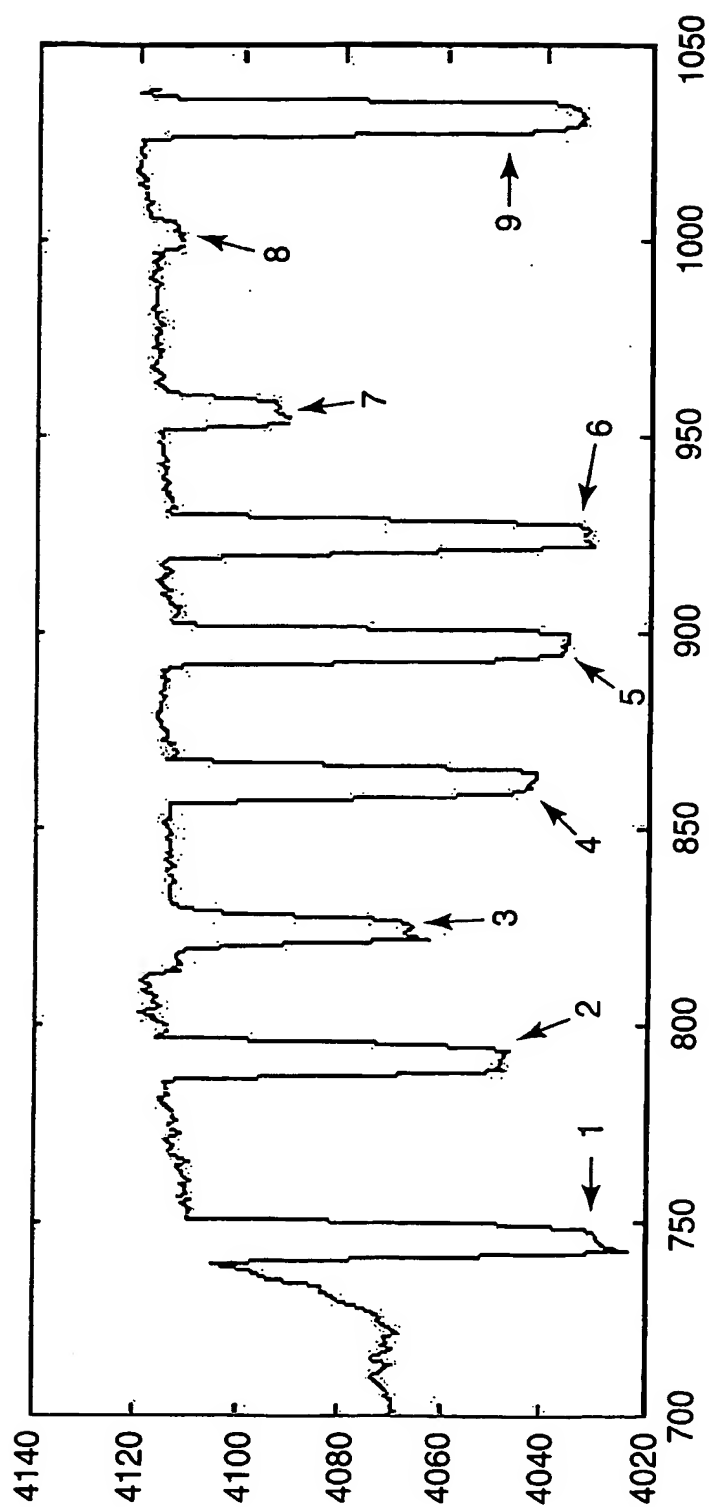
12/19

*Fig. 20**Fig. 21*

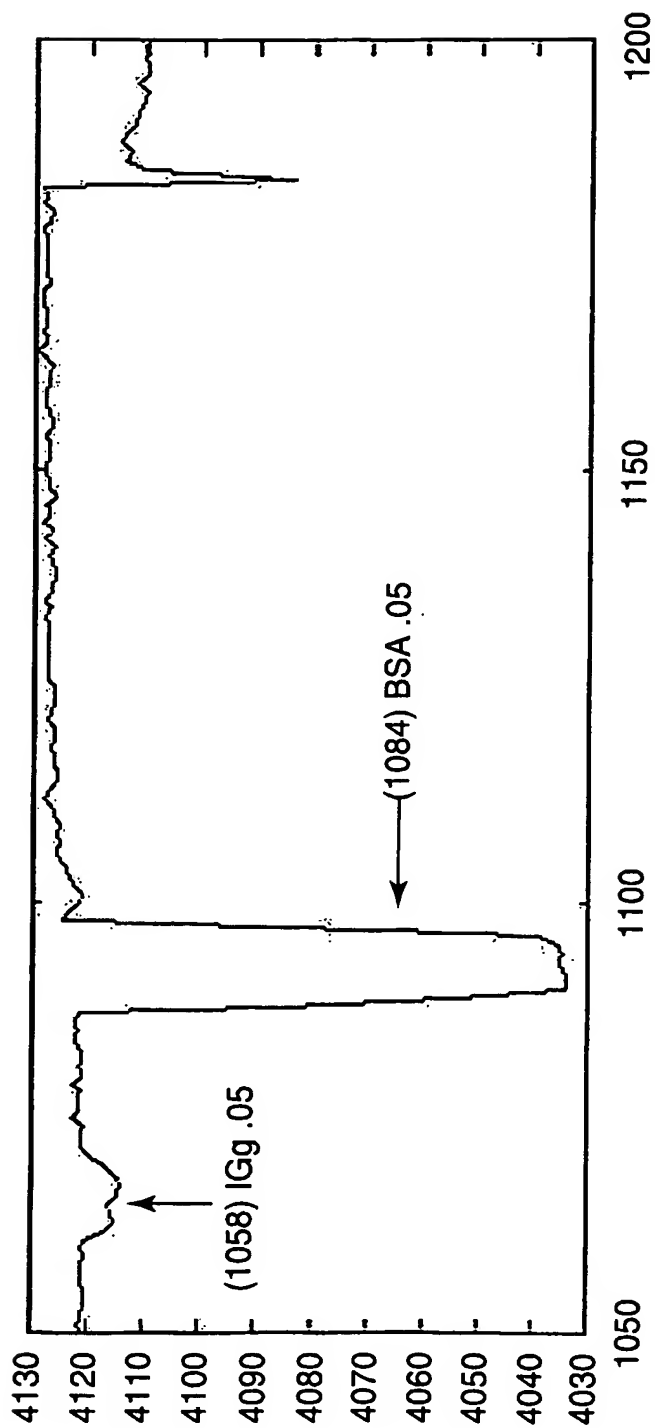
13/19

*Fig. 22*

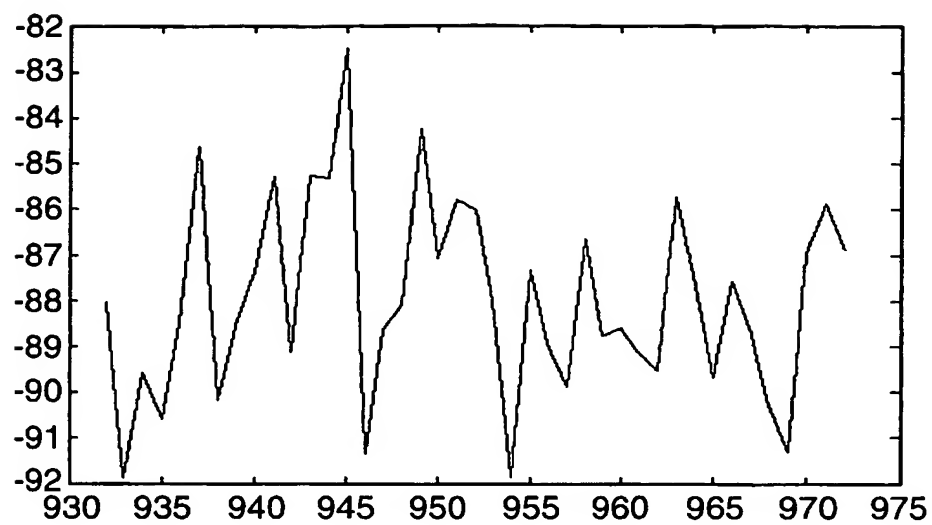
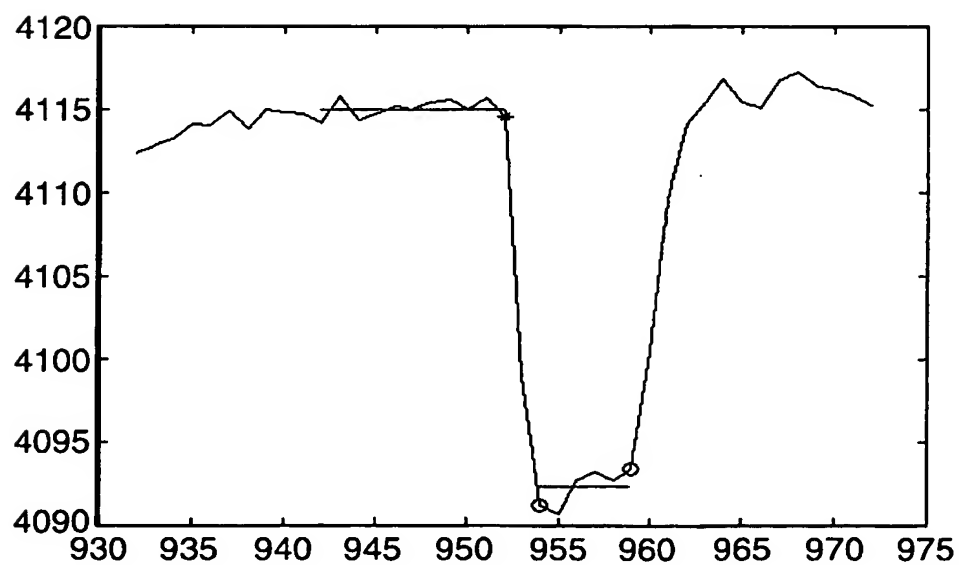
14/19

*Fig. 23*

15/19

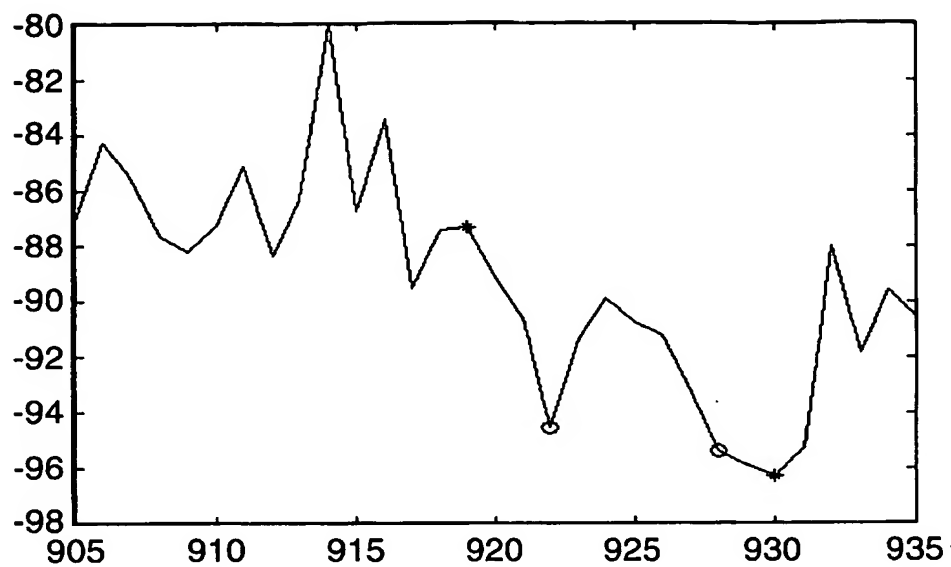
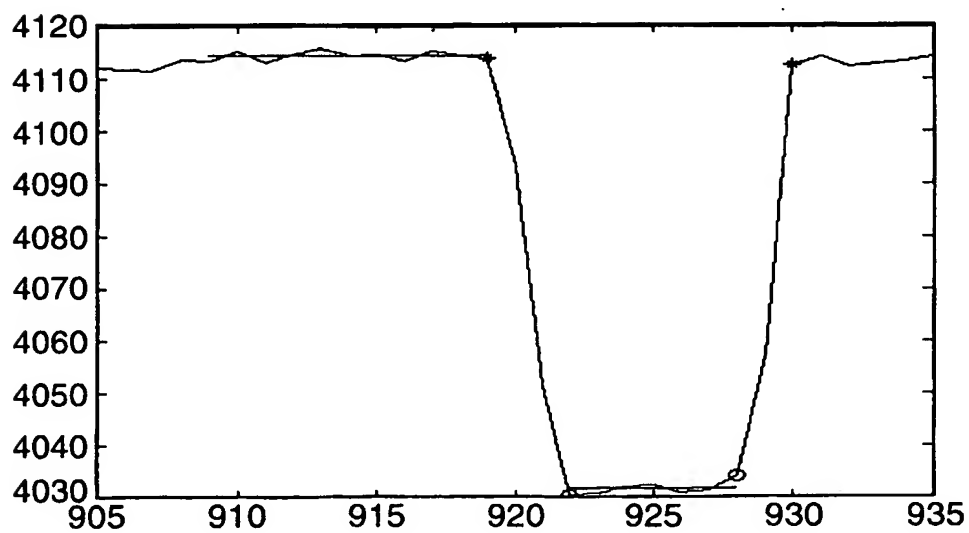
*Fig. 24*

16/19

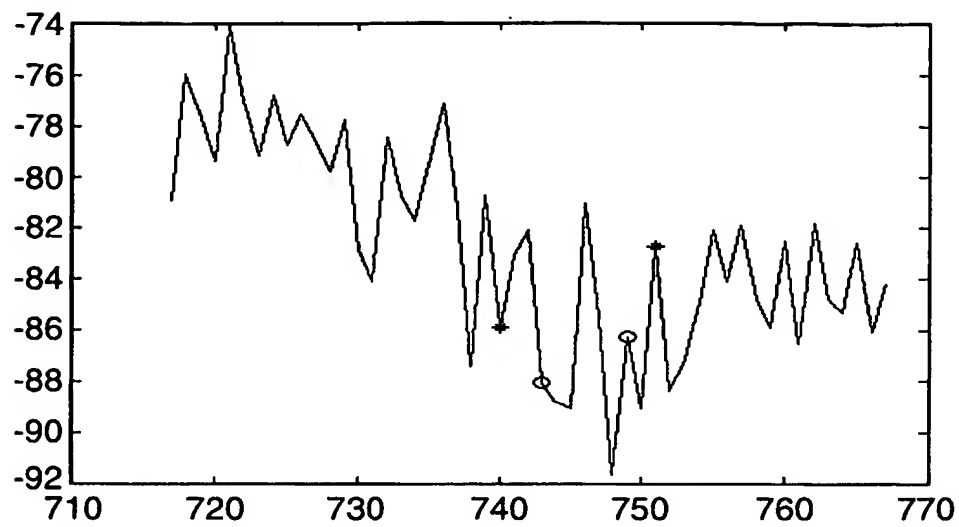
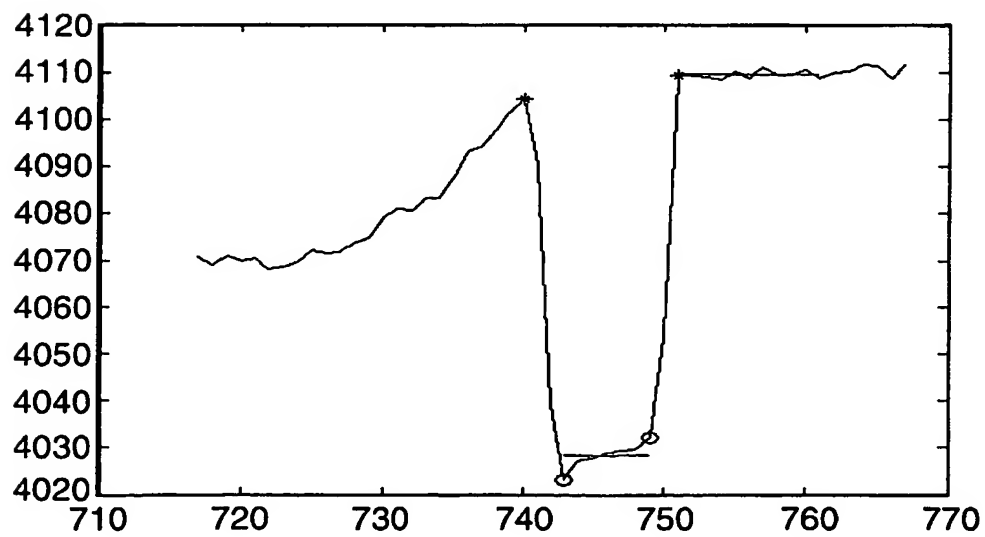
*Fig. 25**Fig. 26*



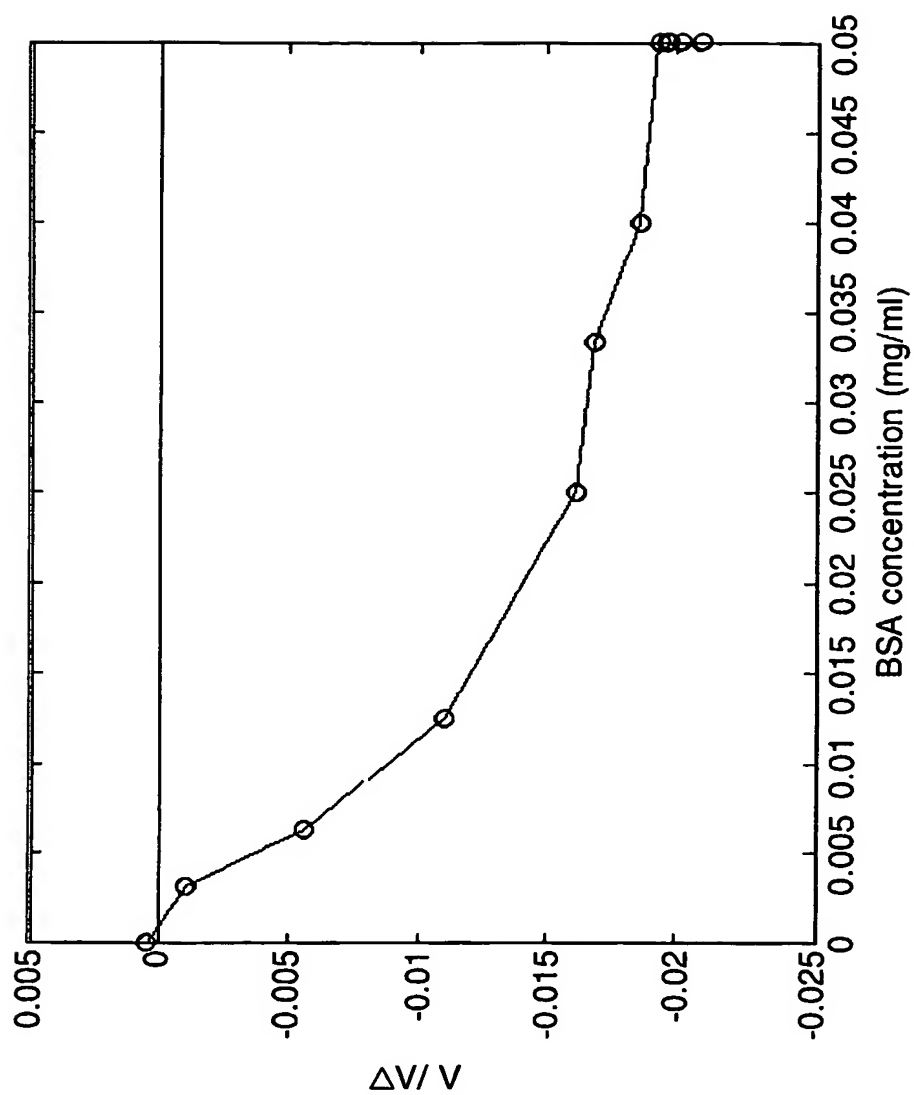
17/19

*Fig. 27**Fig. 28*

18/19

*Fig. 29**Fig. 30*

19/19

*Fig. 31*